

FIG. 1A (Prior Art)

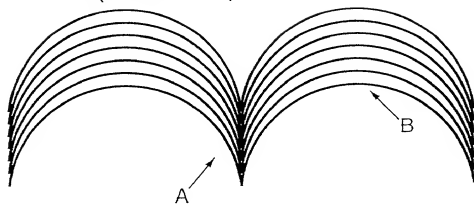


FIG. 1B (Prior Art)

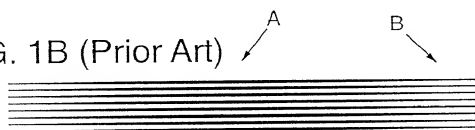


FIG. 2

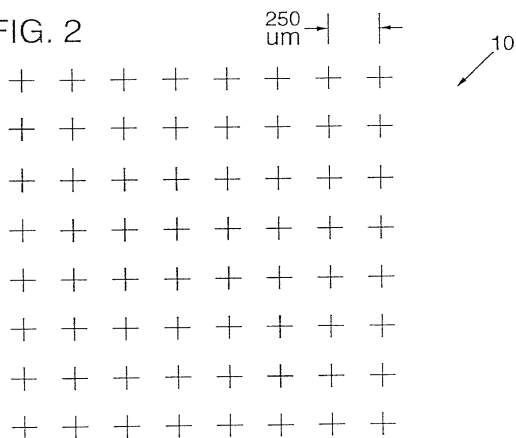


FIG. 3

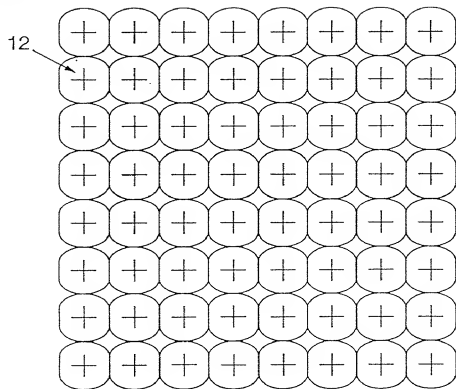


FIG. 4

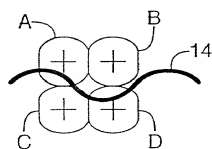


FIG. 5

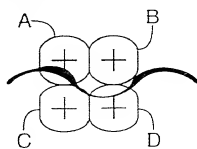


FIG. 6

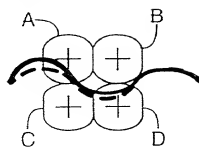


FIG. 8

204	211	212	214	213	207	215	214
204	215	202	205	209	205	213	202
212	207	203	214	203	206	202	215
209	201	211	201	212	204	200	203
208	204	212	206	207	203	205	202
209	214	207	207	211	201	206	213
208	212	206	211	213	208	206	213
209	208	202	202	205	205	205	211

REFERENCE GREY-SCALE CALIBRATION TILE

FIG. 12

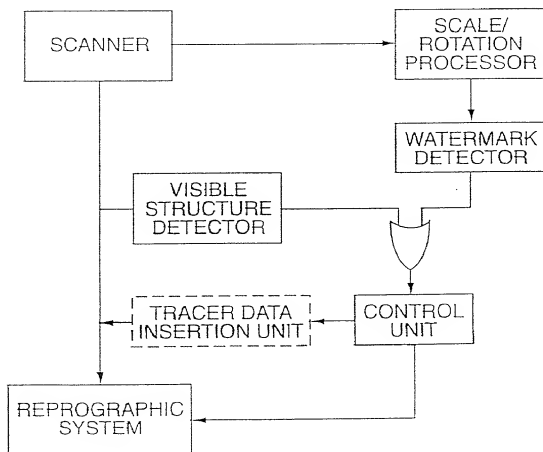


FIG. 7A

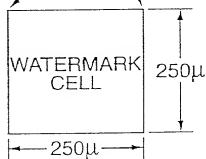
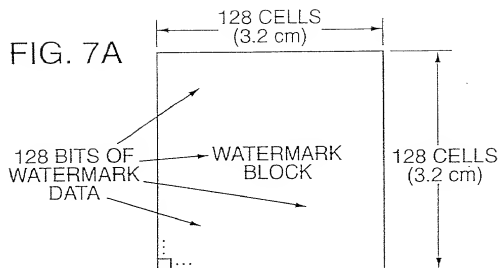


FIG. 7B

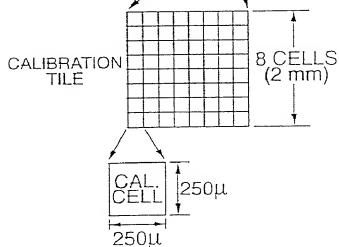
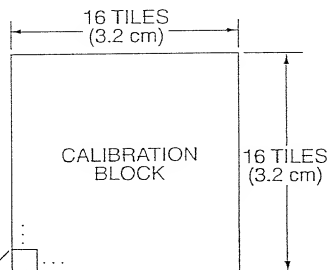


FIG. 10

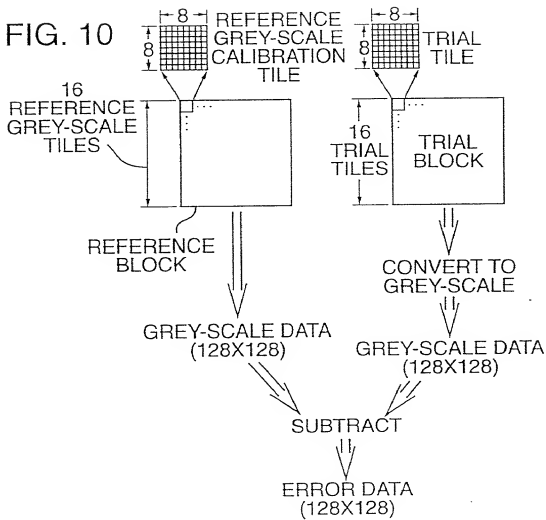
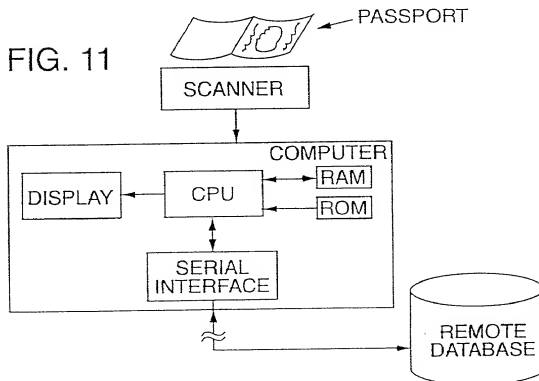


FIG. 11



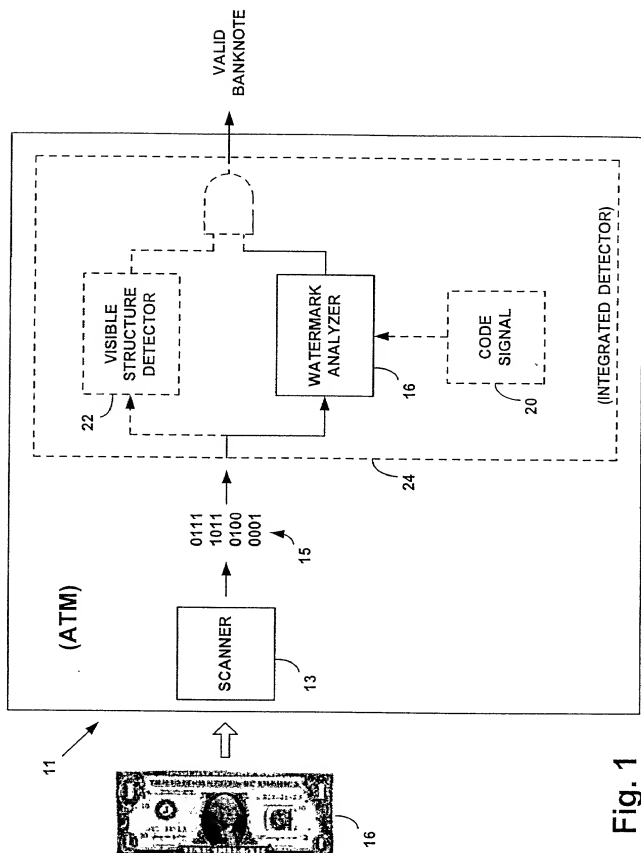


Fig. 1

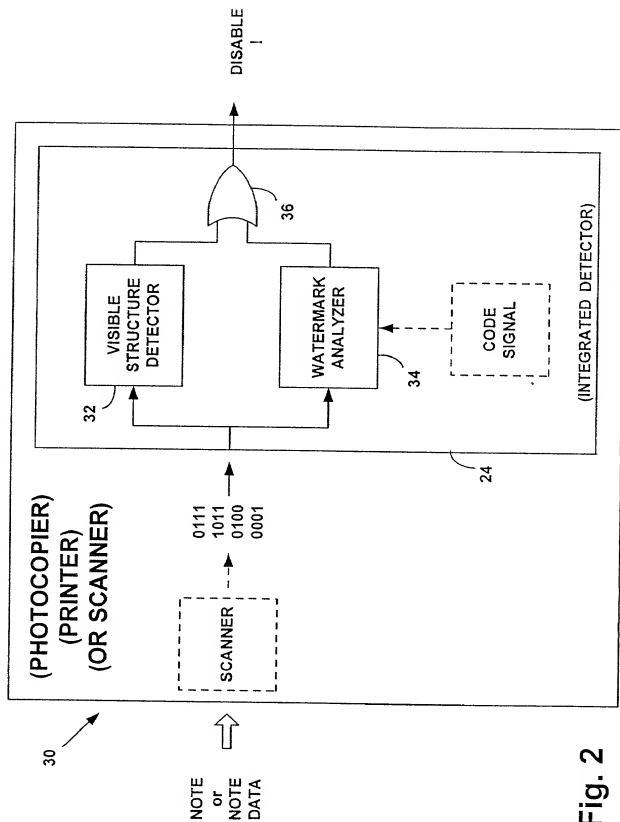


Fig. 2

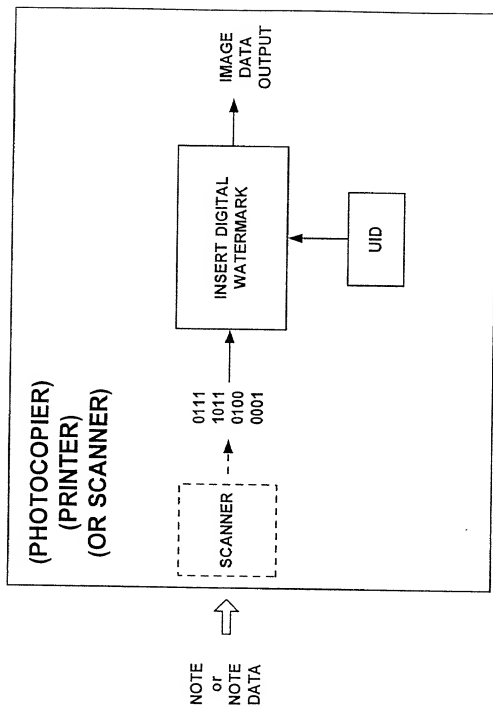
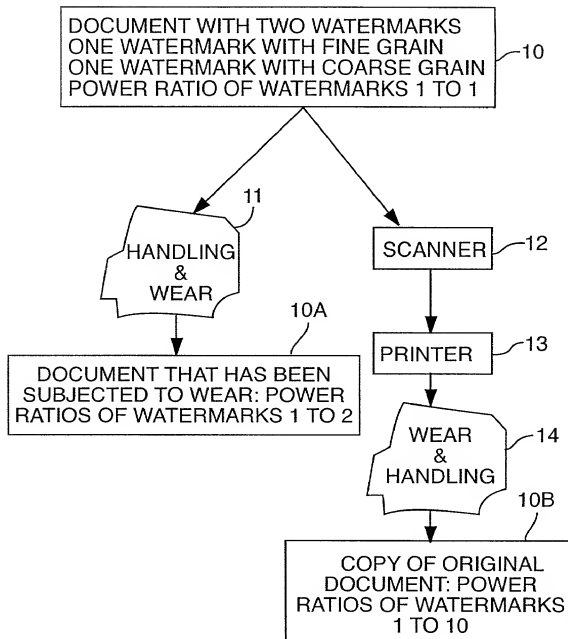
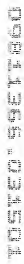


Fig. 3

FIG. 1



Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	



Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	

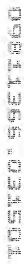


FIG. 3A GEOMETRICALLY LINEAR ASSIGNMENT
OF PIXELS TO EACH BIT

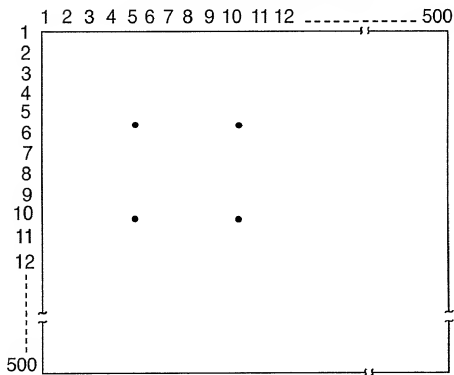
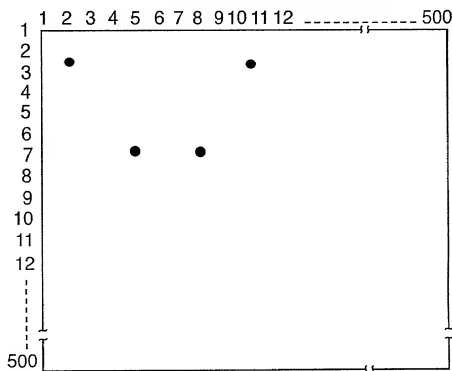


FIG. 3B GEOMETRICALLY RANDOM ASSIGNMENT
OF PIXELS TO EACH BIT



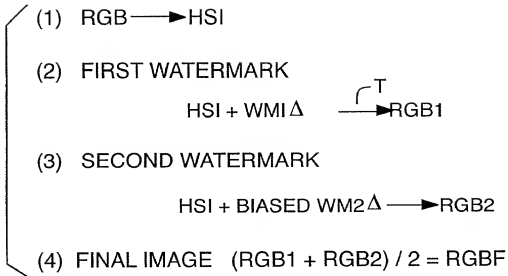


FIG. 4

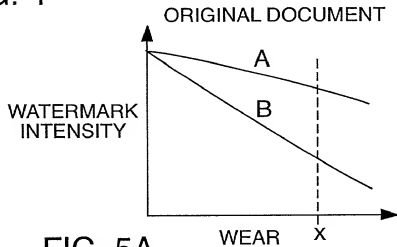


FIG. 5A

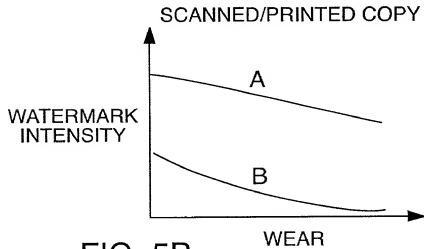


FIG. 5B

Figure 1 (Prior Art)

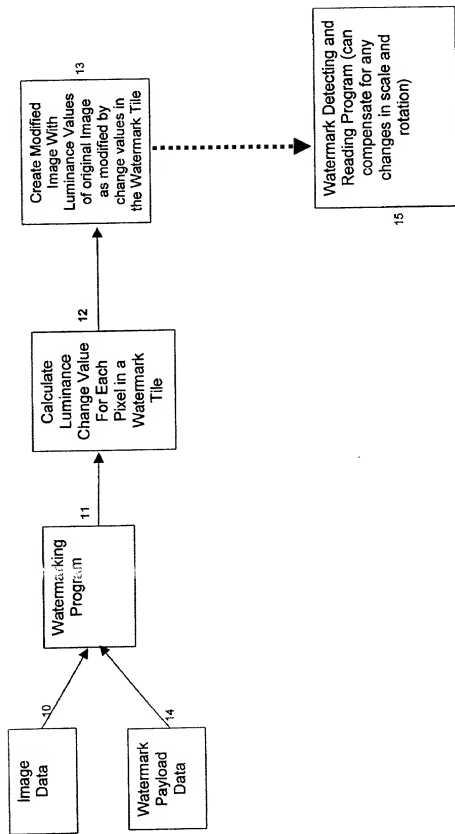


Figure 2

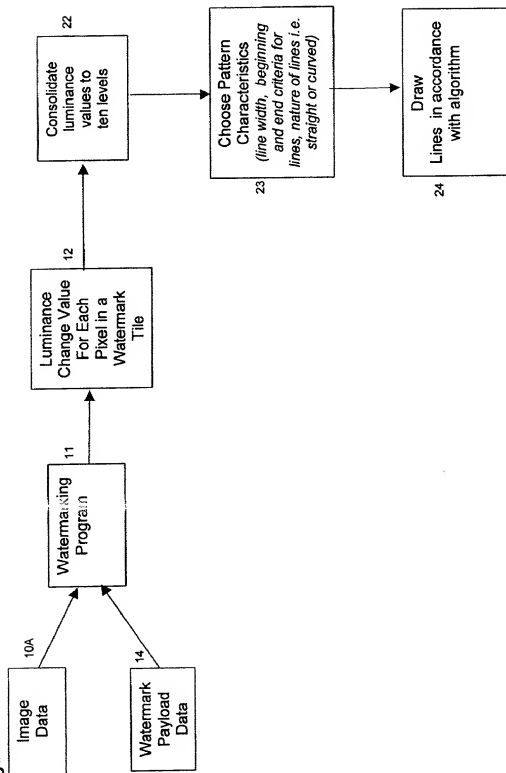
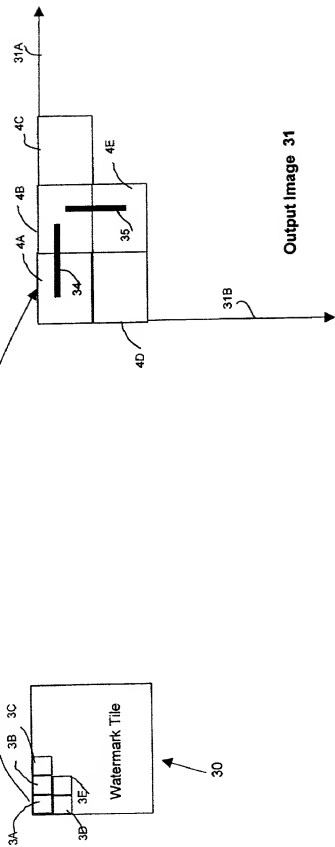


Figure 3



(note to craftsman – edges of all squares line up – sides of all squares have same weight lines)

Figure 4

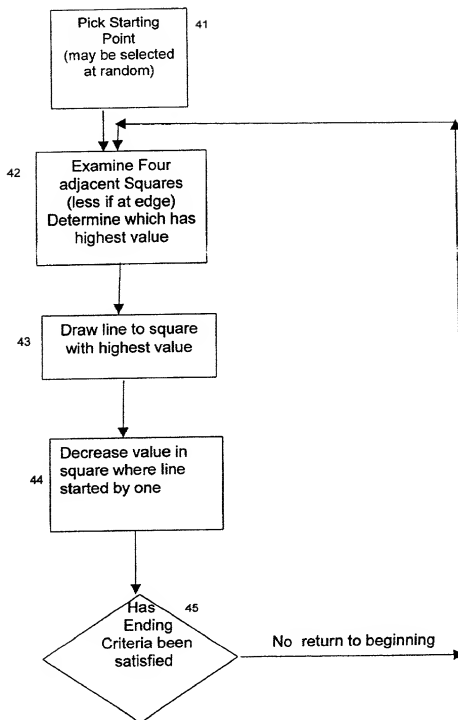


Figure 5

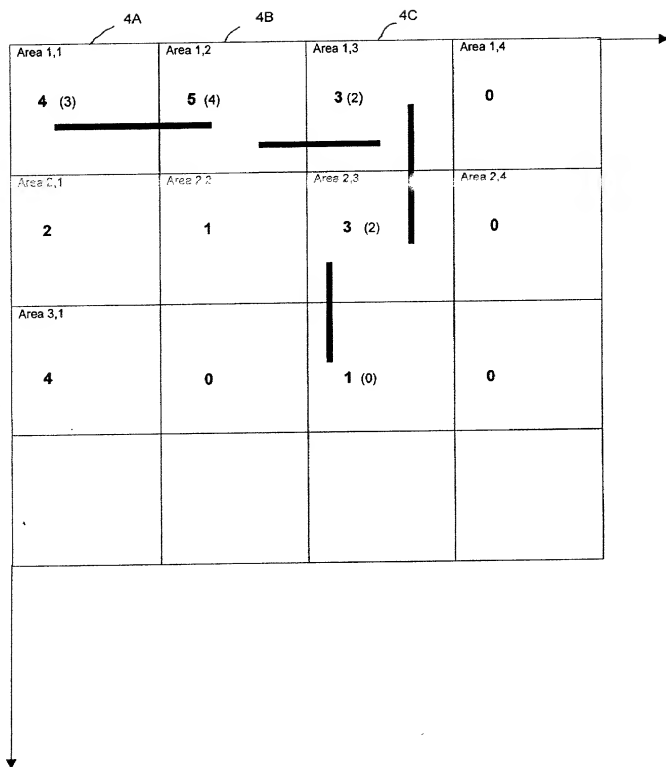


Figure 6

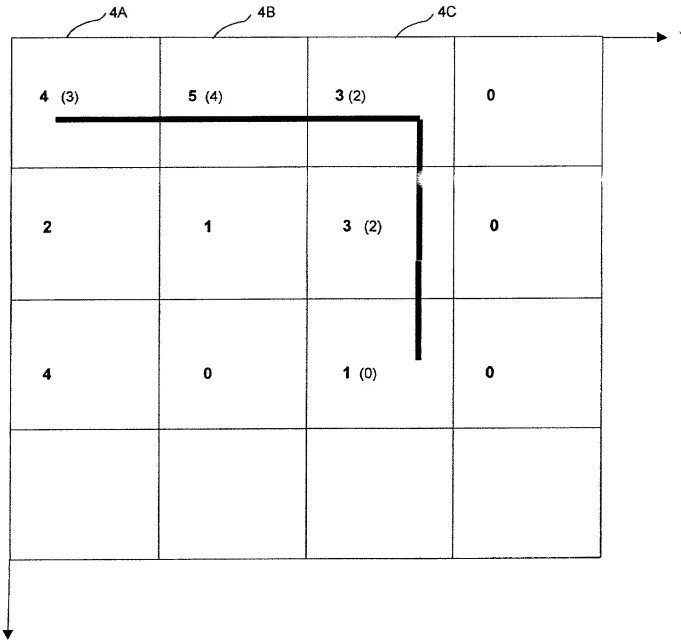
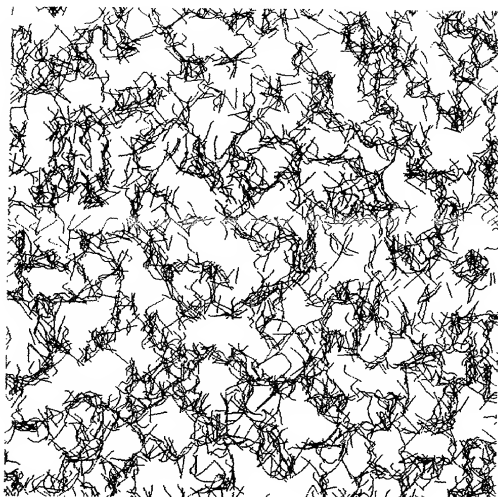


Figure 7



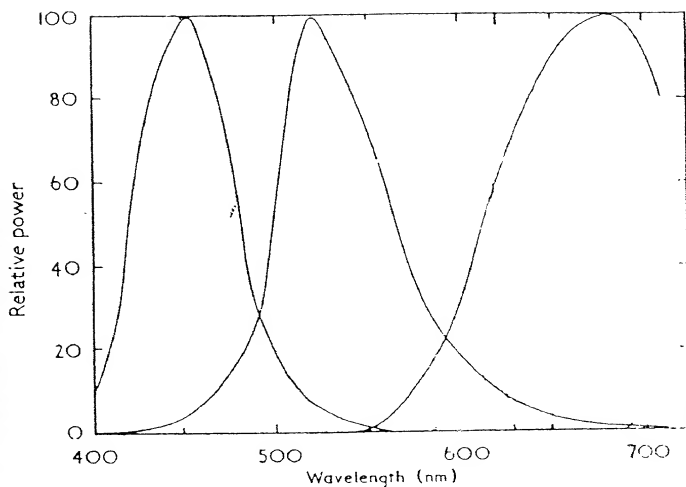


FIG. 1

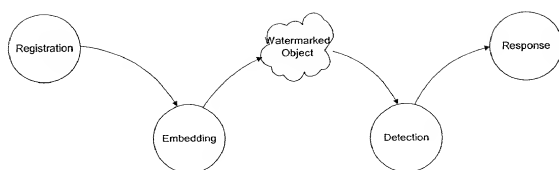


FIG. 1

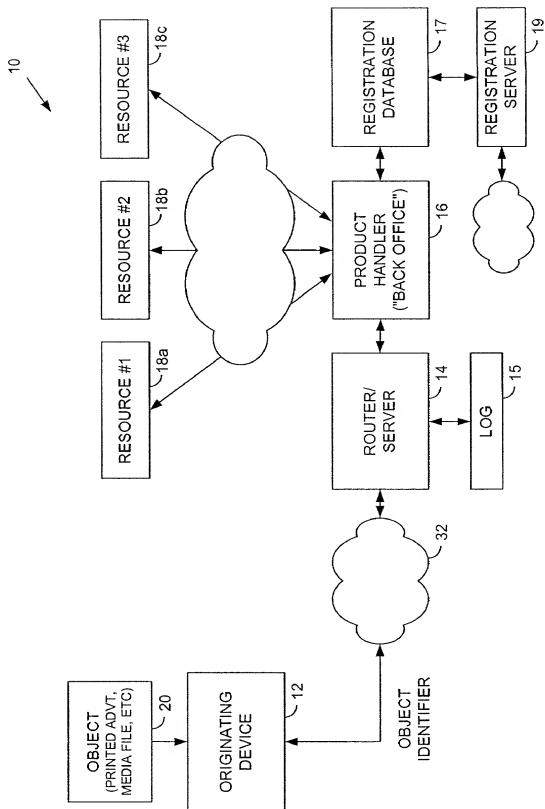


FIG. 2

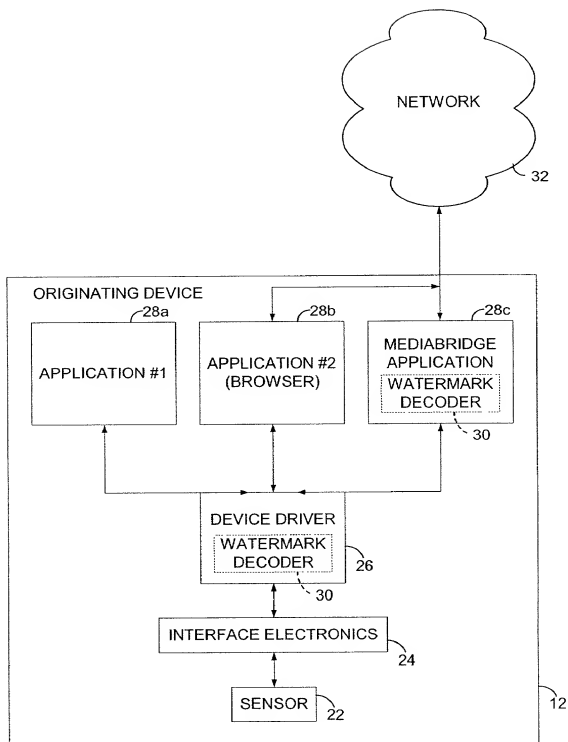


FIG. 3

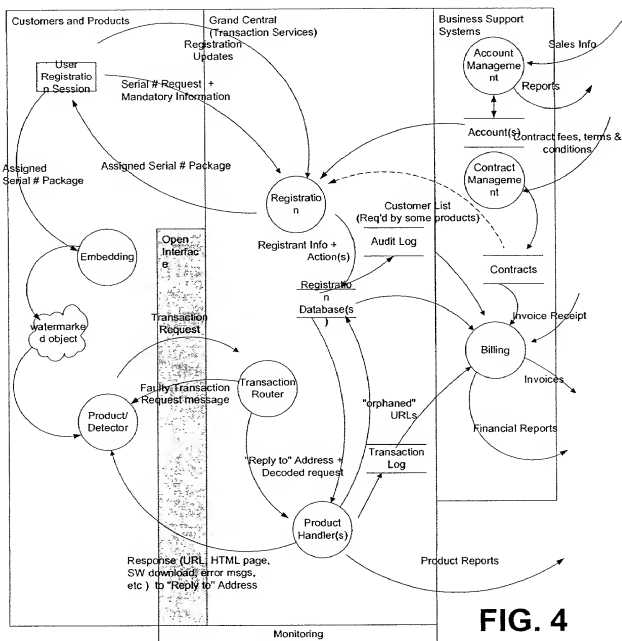


FIG. 4

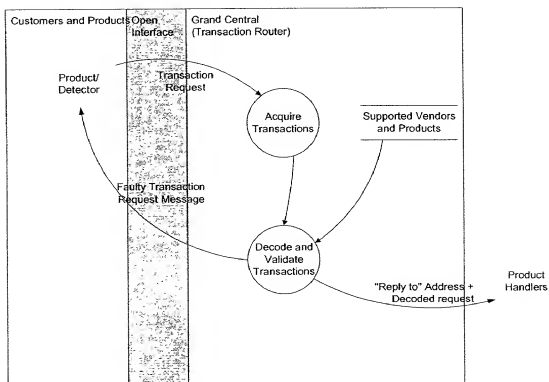


FIG. 5

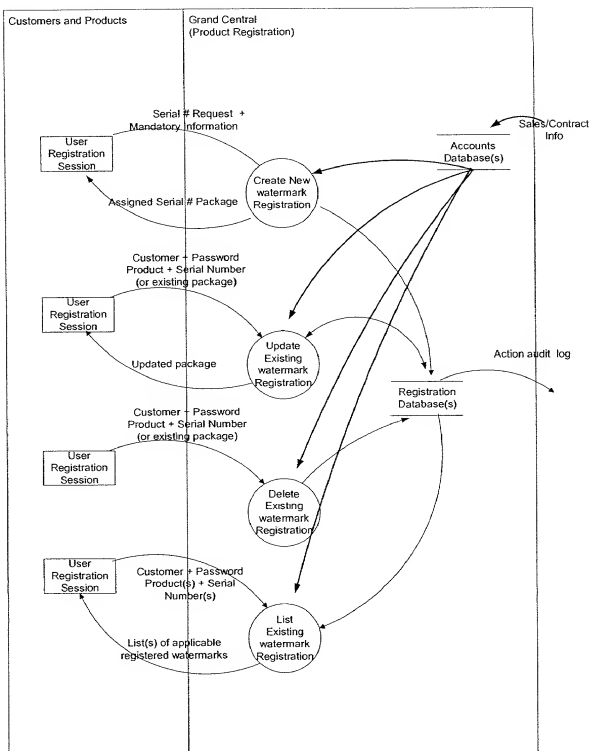


FIG. 6

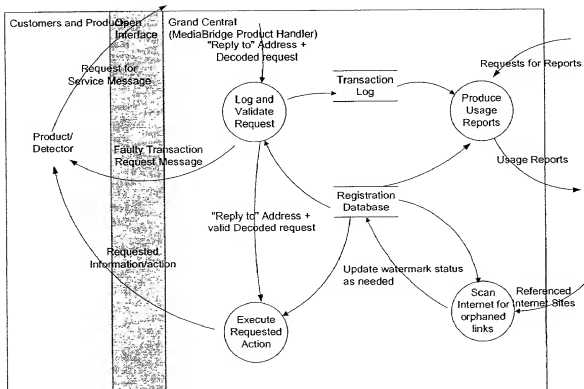


FIG. 7

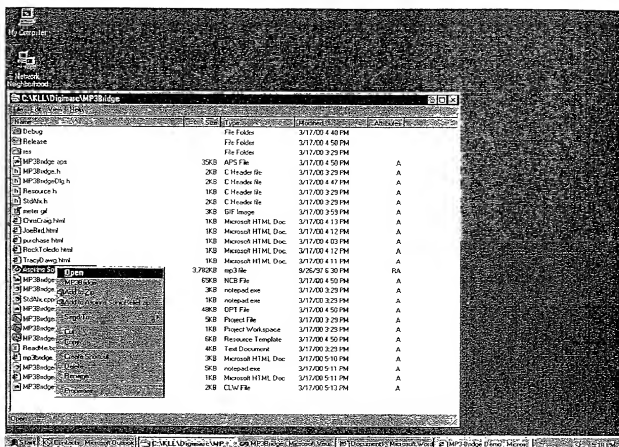


FIG. 8

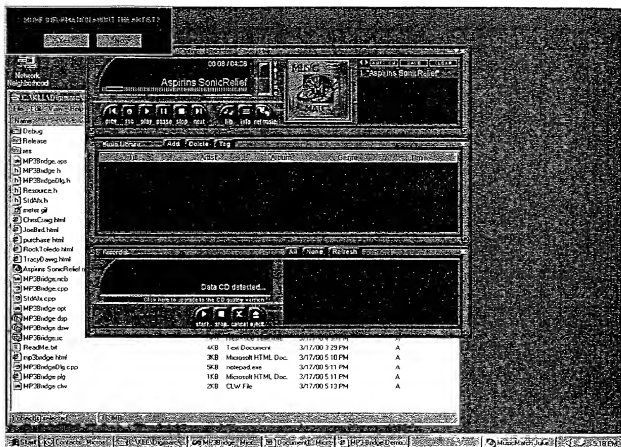


Fig. 9

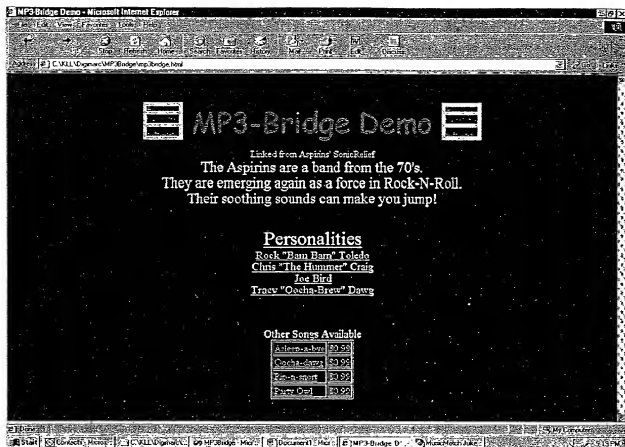


Fig 10

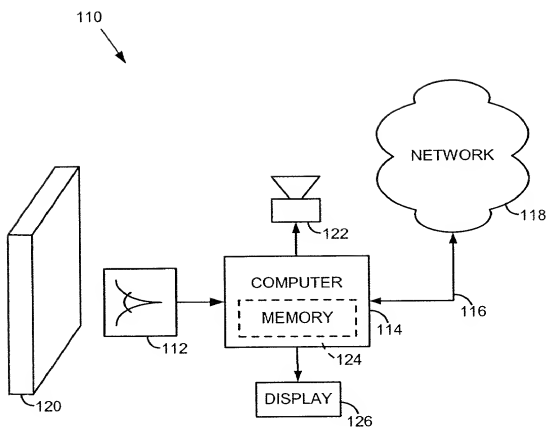
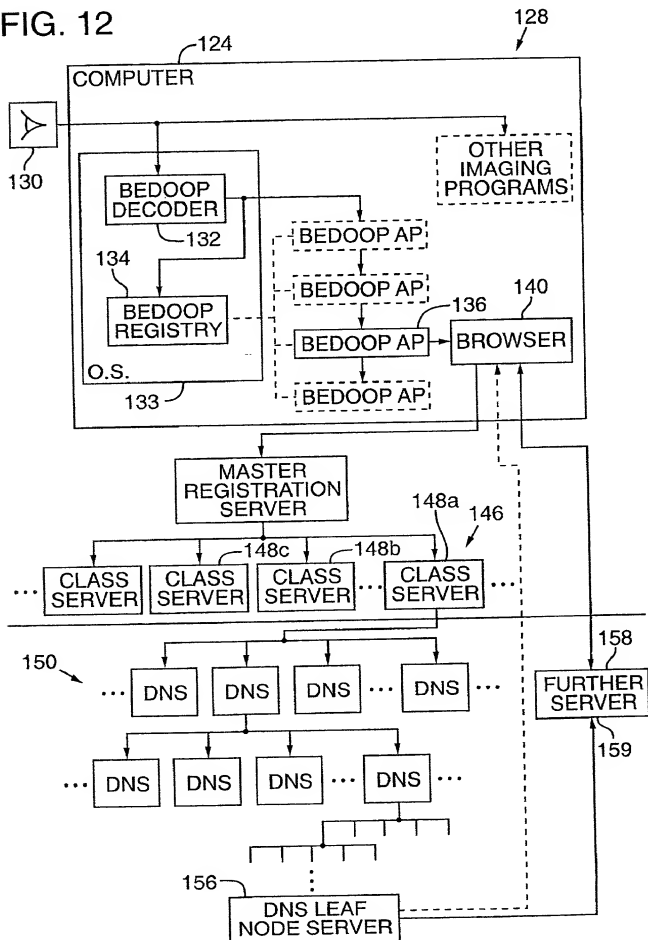
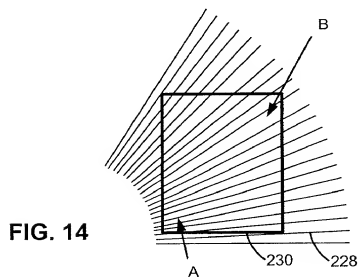
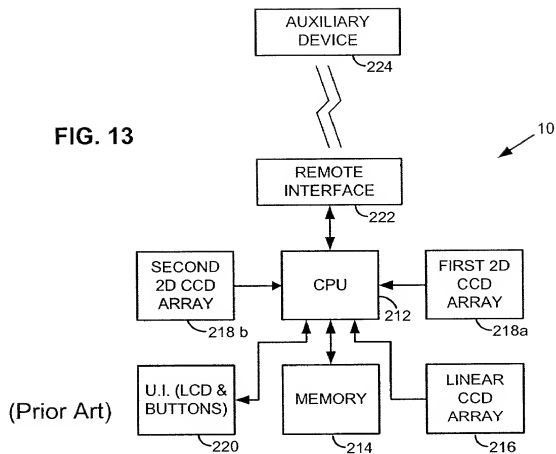


FIG. 11

FIG. 12







Grid Orientation Under
CCD 218a



Grid Orientation Under
CCD 218b

FIG. 15

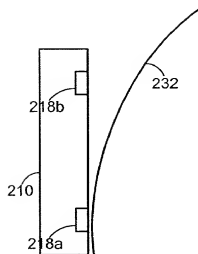


FIG. 16

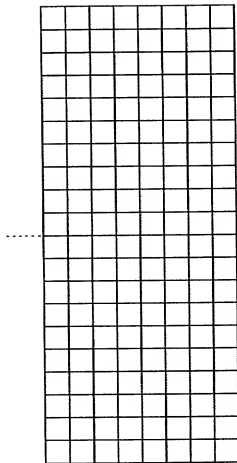
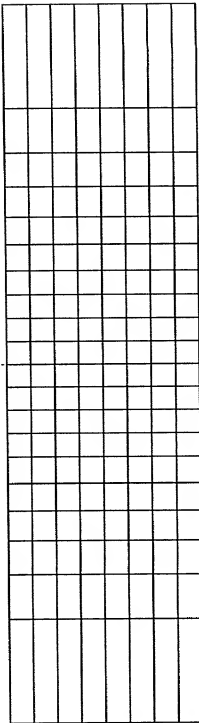


FIG. 17
(Prior Art)

FIG. 18



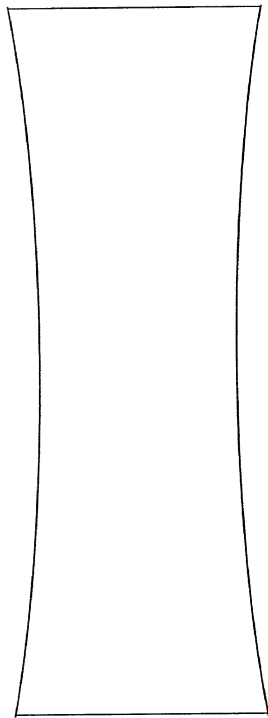
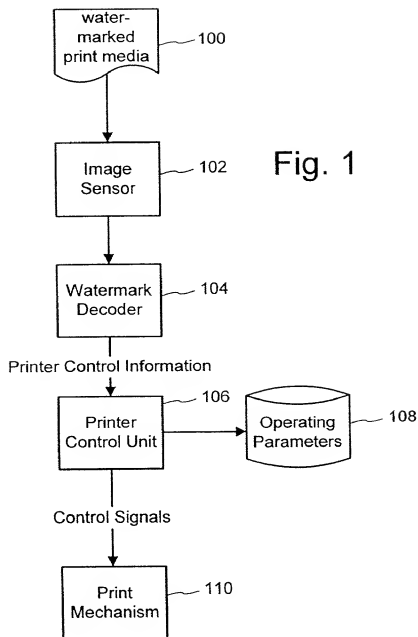


FIG. 19



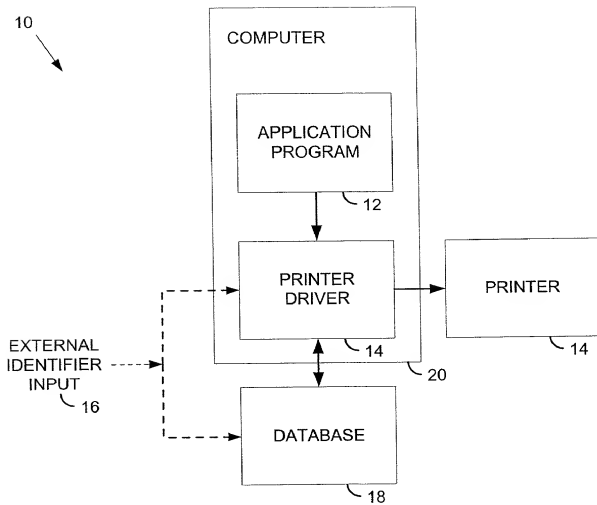


FIG. 1

Customer Support

Find all the information you need to start using Digimarc MediaBridge.

Frequently asked questions about Digimarc MediaBridge:
how it works, what it can do, and how to get the most out of it.

If you have questions or comments about Digimarc MediaBridge, we're here to help. Please direct your emails to Customer Care Group or call 1-877-477-9992 and ask for Digimarc MediaBridge Customer Service.

We recommend the following Intel cameras:

Intel PC Camera Pro Pack

Intel PC Camera Pack

These cameras are approved for Digimarc MediaBridge use:

Intel PC Camera Pro Pack

Intel PC Camera Pack

Philips Vesta Pro (PCVC680K)

Philips Vesta (PCVC675K)

3Com HomeConnect - (Mac users, Click here for camera drivers)

See which cameras work with your operating system.

Fig. 2

IDENTIFIER	TEXT EXCERPT	ASSOCIATED HYPERLINK
186282A	Frequently asked questions about Digimarc MediaBridge;	http://www.digimarc.com/mediabridge/mbco_csfaq.shtml
186282B	Customer Care Group	mailto:helpdesk@digimarc.com
186282C	Intel PC Camera Pro Pack	http://www.intel.com/pccamera/index.htm?id=prodinfo+video03&
186282D	Intel PC Camera Pack	http://www.intel.com/pccamera/pack.htm?id=prodinfo+video03&
186282E	Click here	http://www.3com.com/client/pcd/homeconnect/pcdigital/drivers.html#b
186282F	See	http://www.digimarc.com/mediabridge/mbco_ematrix.shtml

Fig. 3

Figure 1

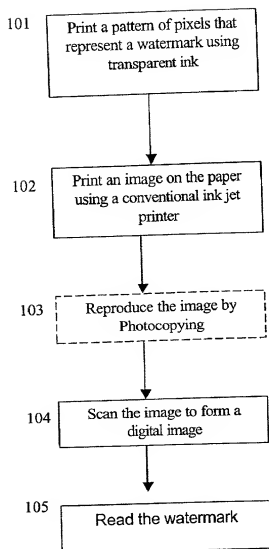


Figure 2

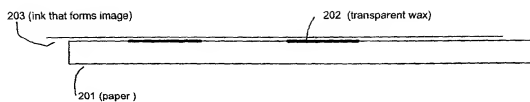


Figure 3

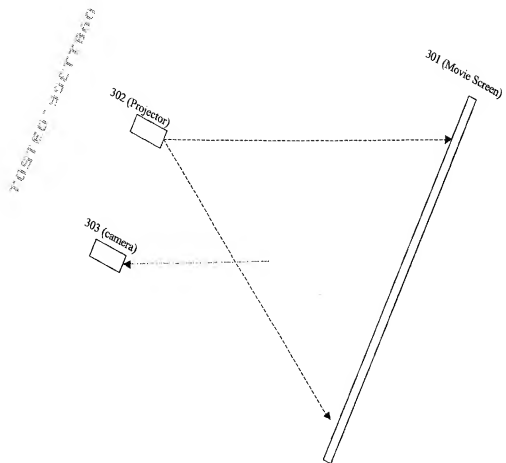


Figure 4

